

# ABSTRACT

A system for aligning two optical connectors includes first and second connectors each having optical components housed therein. The first connector has V-shaped opposite side walls which define grooves therealong. The second connector has a pair of recesses defined in the front face which are dimensioned to receive a pair of alignment spheres. Upon assembly, the alignment spheres align and engage the V-shaped grooves to lock the two connectors in precise and secure alignment.